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**From:** Louie-Juzwiak, Rosanna [Louie-Juzwiak.Rosanna@epa.gov]  
**Sent:** 5/25/2022 8:51:55 PM  
**To:** Dunbar, Anwar [Dunbar.Anwar@epa.gov]; Yang, Yung [Yang.Yung@epa.gov]  
**CC:** Savoia, Pete [Savoia.Pete@epa.gov]  
**Subject:** RE: PFAS and details for the slide deck

Hmm - I'm unsure what may be the issue, as I've been looking in them all day. Let me know if you're unable to access them and I'll try opening the file and directly sharing with you.

-----Original Message-----

From: Dunbar, Anwar <Dunbar.Anwar@epa.gov>  
Sent: Wednesday, May 25, 2022 4:34 PM  
To: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>; Yang, Yung <Yang.Yung@epa.gov>  
Cc: Savoia, Pete <Savoia.Pete@epa.gov>  
Subject: RE: PFAS and details for the slide deck

Thank you Rosanna. BTW Steve sent an email earlier about the deck not being up to date or not being able to edit them or something.

Anwar Y. Dunbar, Ph.D., Pharmacologist  
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"Your Attitude determines your Altitude."- Dr. Kenneth Leon Jones, Head Coach, Hutch-Tech High School's Boys' Basketball Team, 1987-1993

-----Original Message-----

From: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>  
Sent: Wednesday, May 25, 2022 4:31 PM  
To: Yang, Yung <Yang.Yung@epa.gov>  
Cc: Dunbar, Anwar <Dunbar.Anwar@epa.gov>; Savoia, Pete <Savoia.Pete@epa.gov>  
Subject: Re: PFAS and details for the slide deck

Great, I'm glad that's all figured out and thank you. You should be able to get to the slide deck from the same link Beth shared previously, and that you were looking at yesterday. They have been mostly streamlined, though the human health slide and content should be pretty much the same.

Did any questions or issues come up that were raised by EFED? I've had a lot of back-and-forth with the EFED teams yesterday, to try to get a handle on what our comprehensive message is, to the DD's.

-rosanna

> On May 25, 2022, at 4:28 PM, Yang, Yung <Yang.Yung@epa.gov> wrote:

>

> Hi, Anwar and Rosanna,

>

> Yes, we went through the slides this morning with EFED and Anwar agreed to present the slide for both chemicals. I really appreciate that.

> Yes, I will be on the line at 8 am tomorrow.

>

> Thanks.

> Yung

>

> -----Original Message-----

> From: Dunbar, Anwar <Dunbar.Anwar@epa.gov>

> Sent: Wednesday, May 25, 2022 3:50 PM

> To: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>

> Cc: Yang, Yung <Yang.Yung@epa.gov>; Savoia, Pete <Savoia.Pete@epa.gov>

> Subject: RE: PFAS and details for the slide deck

>

> Hello Rosanna. Yes I intend to be there. We talked about this earlier this morning. With Broflanilide and PQZ being on the same slide, I agreed to present it and Yung will chime in if there are any specific questions on his chemical. By the way where the final slides? I'd like to take a look before I log off today.

>

> Anwar Y. Dunbar, Ph.D., Pharmacologist Risk Assessment Branch 1

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> Head Coach, Hutch-Tech High School's Boys' Basketball Team, 1987-1993  
>  
> -----Original Message-----  
> From: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>  
> Sent: Wednesday, May 25, 2022 3:47 PM  
> To: Dunbar, Anwar <Dunbar.Anwar@epa.gov>  
> Cc: Yang, Yung <Yang.Yung@epa.gov>; Savoia, Pete <Savoia.Pete@epa.gov>  
> Subject: Re: PFAS and details for the slide deck  
>  
> Thank you again.  
> I want to check that you both are available to attend tomorrow morning's briefing at 8am?  
>  
> Yung - would you prefer to speak when we reach the broflanilide human health overview , then turn to  
Anwar for PQZ? Or, Anwar could cover the whole slide.  
>  
> Thanks,  
>  
> -rosanna  
>  
>> On May 24, 2022, at 5:25 PM, Dunbar, Anwar <Dunbar.Anwar@epa.gov> wrote:  
>>  
>> For PQZ, decreased anogenital distance was observed pre- and postnatally. Decreased body weights were  
observed in postnatally.  
>>  
>> Anwar Y. Dunbar, Ph.D., Pharmacologist Risk Assessment Branch 1  
>> PYS-10952, Human Health Effects Division/Office of Pesticide Programs  
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>>  
>> -----Original Message-----  
>> From: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>  
>> Sent: Tuesday, May 24, 2022 5:15 PM  
>> To: Dunbar, Anwar <Dunbar.Anwar@epa.gov>  
>> Cc: Yang, Yung <Yang.Yung@epa.gov>; Savoia, Pete  
>> <Savoia.Pete@epa.gov>  
>> Subject: Re: PFAS and details for the slide deck  
>>  
>> Thanks - the summary of target organs are currently in the slides. Can we add about the specific  
effects, such as reproductive, endocrine, developmental ?  
>>  
>> -rosanna  
>>  
>>>> On May 24, 2022, at 4:56 PM, Dunbar, Anwar <Dunbar.Anwar@epa.gov> wrote:  
>>>>  
>>>> Okay here goes:  
>>>>  
>>>> The hazard profile for PQZ is consistent with the PFAS class of chemicals. The target organs of PQZ  
are the testes, nasal passage, liver, thyroid, hematopoietic system and the kidneys. There is no  
evidence of neurotoxicity.  
>>>>  
>>>> Anwar Y. Dunbar, Ph.D., Pharmacologist Risk Assessment Branch 1  
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>>>> Head Coach, Hutch-Tech High School's Boys' Basketball Team,  
>>>> 1987-1993  
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>>>> -----Original Message-----  
>>>> From: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>  
>>>> Sent: Tuesday, May 24, 2022 4:36 PM  
>>>> To: Dunbar, Anwar <Dunbar.Anwar@epa.gov>  
>>>> Cc: Yang, Yung <Yang.Yung@epa.gov>; Savoia, Pete

>>> <Savoia.Pete@epa.gov>  
>>> Subject: Re: PFAS and details for the slide deck  
>>>  
>>> yes, so I think spelling out the specific effects would help further emphasize that. Thanks for confirming it being a quick and straightforward addition.  
>>>  
>>> -rosanna  
>>>  
>>>> On May 24, 2022, at 4:34 PM, Dunbar, Anwar <Dunbar.Anwar@epa.gov> wrote:  
>>>>  
>>>> Hello Rosanna. For PQZ, I think it would be a small addition. As I stated in yesterday's meeting, PQZ lines up pretty well aside from the immunotoxicity.  
>>>>  
>>>> Anwar Y. Dunbar, Ph.D., Pharmacologist Risk Assessment Branch 1  
>>>> PYS-10952, Human Health Effects Division/Office of Pesticide  
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>>>> Head Coach, Hutch-Tech High School's Boys' Basketball Team,  
>>>> 1987-1993  
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>>>> -----Original Message-----  
>>>> From: Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>  
>>>> Sent: Tuesday, May 24, 2022 4:32 PM  
>>>> To: Dunbar, Anwar <Dunbar.Anwar@epa.gov>; Yang, Yung  
>>>> <Yang.Yung@epa.gov>  
>>>> Cc: Savoia, Pete <Savoia.Pete@epa.gov>  
>>>> Subject: PFAS and details for the slide deck  
>>>>  
>>>> Hi Anwar and Yung,  
>>>>  
>>>> There have been updates to the current slide deck to try to streamline the discussion points. One note Jeff highlighted was, either having on hand, e include a summary point in the slide, about how the observed effects for the respective active ingredients compared to PFAS effects, generally. Is Is this something we can include in the slide, easily, or we could plan to at least have as a talking point?  
>>>>  
>>>> -rosanna